Form PTC (Rev. 2-32		U.S. Department of Patent and Trademar			Atty. Do	ocket No. 01	Serial No 10/735,43		
OIA	Infor	mation Disclosure S		pplicant	Applica	nt: Heinrich S	Sussner		
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Init.	S. S.	Document No.	Date	Name	•	Class	Subclass	Filing	Date
TAPPINET.		5,640,343	06/17/1997	Gallagher et al.		365	171	03/18/	/1996
76	5٠	5,703,805	12/30/1997	Tehrani et al.		365	173	05/08/	/1996
九	3	5,838,608	11/17/1998	Zhu et al.		365	158	06/16	1997
TL	4	5,930,164	07/27/1999	Zhu		365	158	02/26	/1998
TL	5	6,072,718	06/06/2000	Abraham et al.		365	173	02/10/	/1998
TL	6	6,272,041 B1	08/07/2001	Naji		365	171	08/28	/2000
TL	7	6,331,943 B1	12/18/2001	Naji et al.		365	158	08/28	/2000
TL	8	6,590,806 B1	07/08/2003	Bhattacharyya		365	173	03/09/	/2000
TL	9	6,594,175 B2	07/15/2003	Torok et al.		365	171	06/18/	/2001
74	10	6,621,730 B1	09/16/2003	Lage		365	158	08/27	/2002
TL	11	2002/0009840 A1	01/24/2002	Torok et al.		438	171	06/18	/2001
TL	12	2002/0036331 A1	03/28/2002	Nickel et al.		257	421	08/09/	/2001
TL	13	2003/0090930 A1	05/15/2003	Rizzo		365	158	11/13	/2001
TL	14	2003/0156444 A1	08/21/2003	Lee et al.		365	66	02/20	/2002
TL	15	2003/0161180 A1	08/28/2003	Bloomquist et al.	***	365	173	02/22	/2002
TL	16	2003/0170976 A1	09/11/2003	Molla et al.		438	637	03/08	/2002
			<u>.l</u>	Foreign Documents	3	1		1	
			,					Trar	slation
Init.		Document No.	Date	Country		Class	Subclass	Yes	No
TU	17	JP 2003-133528 A2 & Eng. Lang Abst.	05/09/2003	Japan		H01L	27/105		Х
								+	
		Other Doc	uments (Includ	ing Author, Title, I	ate, Perti	inent Pages, e	tc.)		L
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INEOR	RATION	DIC	OL OCUPE	Application Number	10/735,436
			CLOSURE	Filing Date	12-12-2003
STATE	EMENT B	Y A	PPLICANT	First Named Inventor	Heinrich Sussner
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
てし		REOHR et al., "MEMORIES OF TOMORROW", IEFE CIRCUITS & DEVICES MAGAZINE, SEPTEMBER 2002, pp. 17-27	
TL		DESIKAN et al, "On-chip MRAM as a High-Bandwidth, Low-Latency Replacement for DRAM Physical Memories", Department of Computer Sciences Tech Report TR-02-47, The University of Texas at Austin, September 27, 2002	
TL		KATTI, "Current-in-plane pseudo-spin-valve device performance for giant magnetoresistive random access memory applications (invited)", JOURNAL OF APPLIED PHYSICS, VOLUME 91, NUMBER 10, 15 MAY 2002, PP. 7245-7250	
ケレ		KATINE et al., "Current-induced realignment of magnetic domains in nanostructured Cu/Co multilayer pillars", Appl. Phys. Lett., Vol. 76, No. 3, 17 January 2000, PP. 354-356	
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		U.S. PAT	ENT DOCUMENTS	
	No. 1 Number - Kind Code 2 (If known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
76	US- 6,704,220	03-09-2004	Lauschner	-
TL	US- 6,603,678	08-05-2003	Nickel et al.	
TL	US- 6,535,416	03-18-2003	Daughton et al.	
TL	US- 6,385,082	05-07-2002	Abraham et al.	
TL	US- 6,269,018	07-31-2001	Monsma et al.	_
TL	US- 6,169,689	01-02-2001	Naji	
TL	US- 6,515,888	02-04-2003	Johnson et al.	Cal. 9, lines 3-10
てし	US- 6,631,085	10-07-2003	Kleveland et al.	Cal. 16, lines 7-12
TL	US- 2002/0163834 A1	11-07-2002	Scheuerlein et al.	Paragraph [0051]
70	US- 2003/0214835 A1	11-20-2003	Nejad et al.	_
	US- 2003/0198080 A1	10-23-2003	Iwata	<u> </u>
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